



**Wisconsin Department of Justice**

**Information Technology Plan**

**Fiscal Year 2018**

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Updated February, 2017

## **I. Top Five IT Goals**

The Department's key IT objectives for the year include providing adequate support for the following department initiatives:

- Continue efforts toward refinement and implementation of an IT Governance Model that promotes accountability, communication and collaboration within DOJ.
- Continue to modernize both production and development infrastructure supporting key business applications to provide the DOJ with scalable, reliable, and secure information technology that is managed to defined service levels. Continue to position the DOJ to shop the marketplace for future service needs.
- Modernize Law Enforcement applications to provide scalability, optimize performance, simplify maintenance to reduce impact of changes to customers, provide the ability to accommodate new functionality such as the Electronic Biometric Transmission Standard for fingerprints and Rap-Back.
- Enhance the e-discovery and document management capabilities of the Division of Criminal Investigation and their partners, as well as the Division of Legal Services to ensure compliance with discovery obligations are met.
- Focus on information and data security, establishing and ensuring agency compliance with the highest practical security standards including all CJIS requirements for criminal justice applications and data.

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## II. Agency Projects

The DOJ's current active project portfolio consists of 21 active business unit initiatives that are scheduled for completion prior to June 30, 2018. The project that meets the stated criteria is listed below.

### Data Center Modernization

1. Project Name: Data Center Modernization			
2. Project Type: <input type="checkbox"/> New FY18 <input checked="" type="checkbox"/> Ongoing (This project is the continuation of the FY16 Data Center Modernization effort).			
3. Project Description: As part of a comprehensive technology infrastructure architecture effort, the Wisconsin Department of Justice (DOJ) is deploying two new data centers and corresponding technology infrastructure via data center collocation providers to leverage professionally delivered data center services as a replacement for the ongoing operation of an internal data center.			
4. Project Schedule	Start: 07/15/2014	Expected Completion: 6/30/18	
5. Application Platform:	<input type="checkbox"/> Mainframe	<input checked="" type="checkbox"/> Web	<input checked="" type="checkbox"/> Client-Server
	<input checked="" type="checkbox"/> Physical	<input checked="" type="checkbox"/> Virtual	
6. Application Type:	<input checked="" type="checkbox"/> In-house Developed	<input checked="" type="checkbox"/> COTS	<input checked="" type="checkbox"/> SaaS
	<input checked="" type="checkbox"/> Vendor Managed/hosted	<input type="checkbox"/> Other (specify) _____	
7. Technical Architecture Components: RDBMS, Compute, Storage, Telecommunications, Network			
8. Estimated Total Project Hours:		8a.) Estimated Total Project Cost: \$8.95 million + labor	
9. Related Projects and Dependencies: None			
10. Project Sponsorship and Funding <i>(please complete the information below)</i>			
Executive Sponsor: Bonnie Cyganek		Division: Division of Management Services	
Business Sponsor: Brad Schimel		Division: Office of Attorney General	
Senior Project Manager:		IT Authority: Igor Steinberg	
Is Full Funding for Project Approved/Secured? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Funding Source for the Project: <input type="checkbox"/> GPR \$1,000,000+ <input checked="" type="checkbox"/> PR + AG Discretionary			
\$_8.95 million_ <input type="checkbox"/> SEG \$ _____ <input type="checkbox"/> FED \$ _____			
11. Issues that may influence successful execution of the project:			

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**Automated Fingerprint Identification System (AFIS) Upgrade**

1. Project Name: Automated Fingerprint Identification System (AFIS) Upgrade			
2. Project Type: <input type="checkbox"/> New FY18 <input checked="" type="checkbox"/> Ongoing (This project started in Q3, 2016).			
3. Project Description: AFIS is a critical component of the Wisconsin criminal history repository. Major upgrades to AFIS occurred in 2003 and 2010, and DOJ is currently facing a need to upgrade once again. In addition to increasing storage size, an upgrade will offer additional functionality, support the latest Next Generation Identification (NGI) specifications and the latest FBI Electronic Biometric Standards (EBTS), and will allow local law enforcement to search the FBI's Repository of Individuals of Special Concern (RISC).			
4. Project Schedule	Start: 07/15/2014	Expected Completion: 6/30/18	
5. Application Platform:	<input type="checkbox"/> Mainframe	<input type="checkbox"/> Web	<input type="checkbox"/> Client-Server
	<input type="checkbox"/> Physical	<input type="checkbox"/> Virtual	
6. Application Type:	<input type="checkbox"/> In-house Developed	<input type="checkbox"/> COTS	<input type="checkbox"/> SaaS
	<input checked="" type="checkbox"/> Vendor Managed/hosted	<input type="checkbox"/> Other (specify) _____	
7. Technical Architecture Components: RDBMS, Compute, Storage, Telecommunications, Network			
8. Estimated Total Project Hours:		8a.) Estimated Total Project Cost: \$1.3 million + labor	
9. Related Projects and Dependencies: None			
10. Project Sponsorship and Funding <i>(please complete the information below)</i>			
Executive Sponsor: Brad Schimel		Division: Office of Attorney General	
Business Sponsor: Brian O'Keefe		Division: Law Enforcement Services	
Senior Project Manager: Tribble		IT Authority: Igor Steinberg	
Is Full Funding for Project Approved/Secured? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Funding Source for the Project: <input type="checkbox"/> GPR _____ <input checked="" type="checkbox"/> PR <input type="checkbox"/> SEG \$ _____ <input type="checkbox"/> FED \$ _____			
11. Issues that may influence successful execution of the project:			

**III. Potential Agency Projects – N/A**

#### IV. IT Infrastructure Projects or Expenditures

##### DCI Special Agent Technology Toolkit

Potential Project Name:	Special Agent Toolkit
Description:	<p>The Special Agent “toolkit” is a collection of complementary hardware and software technologies designed to address the challenges faced by special agents operating in remote locations throughout the state.</p> <p>The solution is designed to permit the special agent to perform all technology related work activities without the need to ever set foot in a DCI office or physically connect to the DOJ network. It is designed to have backward compatibility with the processes used by special agents today, while enabling new, more efficient and secure solutions today—and in the future.</p>
Anticipated Total Cost:	\$186,000
Resourcing:	\$24,000

##### VDI

Potential Project Name:	Virtual Desktop Infrastructure
Description:	<p>The virtual desktop infrastructure is a planned component of the DOJ’s IT modernization program.</p> <p>Virtual desktops will be made available to all DOJ employees, and the same desktop will be available externally from any device. This will enable DOJ personnel to work from anywhere with a suitable internet connection as if they were actually in the office. Continuation of the project from FY17.</p>
Anticipated Total Cost:	\$515,000
Resourcing:	TBD

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**O365**

Potential Project Name:	<b>Office 365 Rollout</b>
Description:	DOJ is migrating staff mailboxes to Exchange online and Skype for Business for Office 365 in conjunction with the virtual desktop deployment. Additionally, DOJ is investing the potential use of OneDrive.
Anticipated Total Cost:	TBD
Resourcing:	TBD

**Law Enforcement User Center**

Potential Project Name:	Law Enforcement User Center
Description:	The Wisconsin DOJ provides a large number of services to state law enforcement, through an array of systems and interfaces including TIME and eTIME, Portal 100, TRAIN, WIJIS, WILENET and more. These systems require authentication as law enforcement and provide different but sometimes overlapping information. The Law Enforcement User Center effort is intended to create a portal that delivers to individual authenticated law enforcement users the specific information they need, when they need it, on whatever device might be available.
Anticipated Total Cost:	TBD
Resourcing:	TBD

**V. Active Directory Migration**

The DOJ is not planning to participate in the DET Active Directory Migration effort.

**VI. Cybersecurity Posture**

The WI DOJ plans to enhance its security posture by strengthening capabilities that have

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been identified for improvement in its Adaptive Security Architecture. In the “Prevent attacks” capability domain, WI DOJ will implement network access control to isolate critical DOJ systems from endpoints and finish rollout of hardened virtual desktops. To prevent attacks on endpoints, the WI DOJ will complete upgrade of endpoint protection products and migration to new network intrusion prevention and web security appliances. To improve password management, WI DOJ will roll out enterprise password wallet for all DOJ staff and privileged account management solutions for system and network engineers. In the “Detect attacks” capability domain, the WI DOJ continue enhancing its Security Information and Event Management capability by improving data analytics to detect anomalous events. In the “Respond to attack” capability domain, the WI DOJ will implement enhanced Mobile Device Management and use Firewall Management capability to model and design network changes. In the “Predict attack” capability domain, the WI DOJ will operationalize dynamic application security testing to detect vulnerabilities within the WI DOJ application stacks. Additional threat intelligence sources will be added to current processes to predict attacks.

## **VII. Portfolio Assessment**

The Department of Justice plans to conduct a portfolio assessment as part of the data center application migration strategy by Q1 2018.

## **VIII. Additional Issues/Activities**

Legislative changes that require completion of additional projects in fiscal 2018 may result in shifting project priorities and resources.